RCA

D36120

TELEVISION

HDTV | monitor

GUIDE plus+ GOLD[1]

GEMSTAR

36" diagonal Digital High-Definition Monitor

- HDTV Monitor[2]:
  – 1080i Capable
  – 800 x 1080i Pixel Resolution
- Up to 864,000 Pixels
- 1080i Display of High-Definition Signals
- Progressive Scan Up Conversion
- Anamorphic Mode
- 3-Line Digital Comb Filter
- Advanced Twin Tuner™ Picture-In-Picture (NTSC Only)
- SYNCROSCAN™ HD Component Video Inputs
- SRS Focus[3] Audio Technology
- Six Sets of Audio/Video Inputs
- GUIDE Plus+ GOLD[1] On-Screen Program Guide

RCA

Changing Entertainment. Again.

www.rca.com

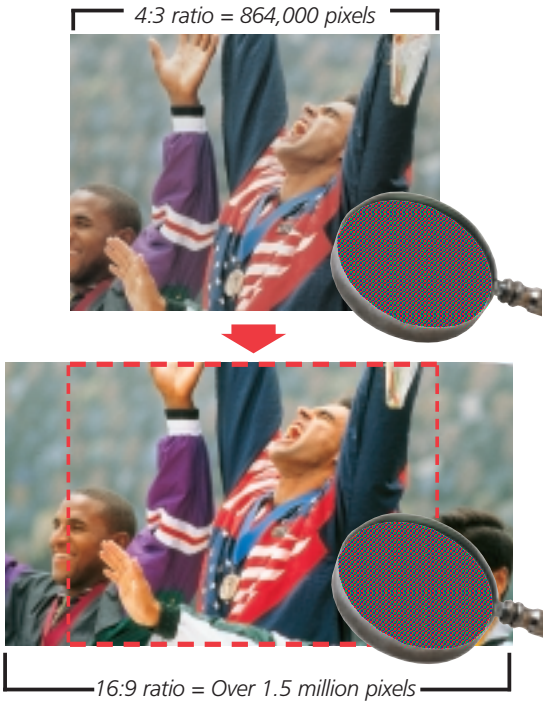
D36120

Picture

RCA Model DTC100

Combining the HDTV-ready Digital High-Definition Monitor with a DTC100 High-Definition Digital Receiver will provide you an HDTV-quality picture.

Within the monitor's 4:3 aspect ratio viewing area, you receive the same pixel resolution inch for inch as with a 16:9 HDTV.



The RCA Digital High-Definition Monitor is our most versatile TV ever.

The RCA brand has always offered innovative technologies to enhance your home entertainment experience. The RCA Digital High-Definition Monitor lives up to this commitment by offering outstanding picture performance and multiple connectivity options. This is the perfect vehicle to help you make the transition into the world of HDTV. The RCA Digital High-Definition Monitor can display 1080i (interlaced) television signals (864,000 pixels) when you combine this television with an RCA HD/Digital Receiver. In addition, with its six sets of audio and video inputs the RCA High-Definition Monitor has much more to offer outside the world of HDTV. It's the perfect display for your analog, digital and HDTV broadcasts, digital satellite receiver, video games, DVD player and your VCR—and they can all be connected at the same time!

It's what goes on behind the screen that makes this picture incredible.

The RCA Digital High-Definition Monitor features an INVAR shadow mask and 65 watts of concentrated picture power which delivers an incredibly lifelike picture.

High Performance Video System

- **Progressive Scan Up Conversion**
  The new RCA HDTV|monitor series employs motion adaptive up conversion using spatial and temporal filtering to de-interlace NTSC video. This process digitally combines two fields of data into one high-resolution image frame.
- **Anamorphic Mode**
  The new RCA HDTV|monitor series decodes an Anamorphically encoded digital signal (DVD for example) allowing for maximum horizontal lines of resolution to be displayed.
- **SYNCROSCAN™ HD Component**
  Automatically adjusts scan rate of component video inputs (Y-Pr-Pb). Allows for connection of regular- or progressive-scan DVD players or component-output HDTV set-top boxes.
- **3-Line Digital Comb Filter**
  Separates black-and-white detail from color information to virtually eliminate edge crawls and rainbow effects while extending picture resolution.
- **Video Noise Reduction**
  Video noise filter greatly reduces noisy picture interference by automatically adjusting to the incoming signal level, providing a cleaner and more consistent overall picture.
- **Auto Color Control**
  Automatically maintains natural flesh tones and color fidelity from channel to channel and scene to scene.
- **Dark-Tint, High-Contrast Picture Tube**
  Delivers outstanding picture contrast for blacker blacks, brilliant whites, and deep rich colors even in bright room conditions.
- **Deluxe Shielded Tuner with 181-Channel Tuning Capability[4]**
  Special shielding dramatically reduces ghosting caused from off-air pick-up when watching cable channels. Digitally-controlled frequency synthesis tuning system "locks on" to cable and standard signals with unsurpassed accuracy.
- **Dynamic BlackStretch Circuitry**
  Extends black levels in bright scenes to enhance contrast and detail.
- **High Performance Scan Velocity Modulation (SVM)**
  Improved SVM circuitry automatically varies the scanning speed of the picture tube's electron beam to improve sharpness and detail, especially in high-contrast areas.
- **High Performance Video Amplifier**
  Delivers high resolution and clarity by extending the video frequency response. Optimizes performance from high-resolution sources such as the RCA®-DIRECTV™ System, DVD players, and S-Video signals (S-VHS, Hi8).
- **High-Resolution Dynamic Focus Electron Gun**
  Specifically designed to optimize picture performance. Improves corner and edge focus for an overall sharper picture.

Sound

- **SRS (●) Focus[3] Audio Technology**
  Ingenious new technology from SRS (●) Labs. Raises the sound stage to ear level providing more lifelike audio. It creates a fully immersive "live performance" listening experience.
- **Broadcast Stereo with dbx[5] Noise Reduction**
  Improves the clarity and fidelity of stereo broadcasts by restoring dynamic range and suppressing unwanted noise.
- **Front-Fired Speaker System**
  Front-fired speakers offer 10 watts per channel of audio power. Provide excellent imaging while localizing voices at the screen.
- **Second Audio Program (SAP)**
  Decodes the second audio program available on some broadcasts.

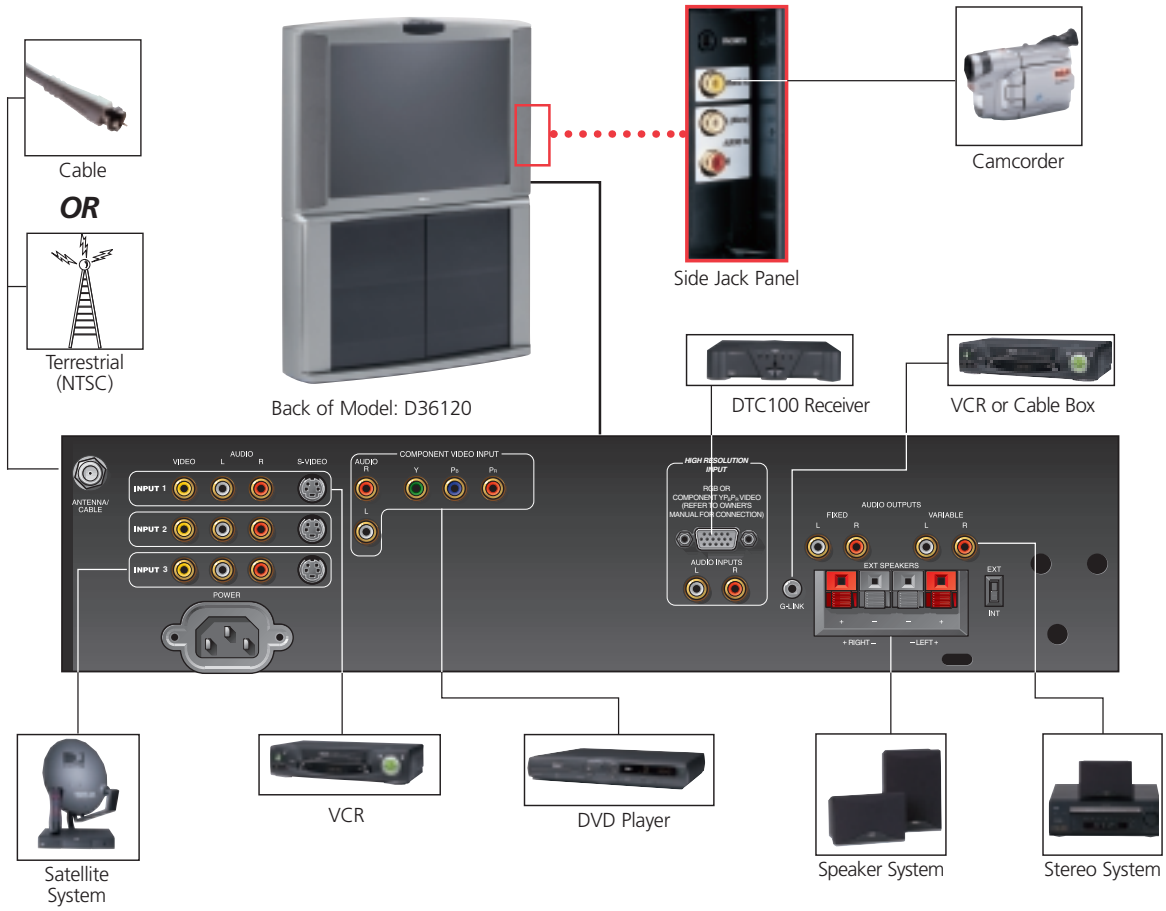
Remote

- **Universal Backlit Remote CRK76TVL1**

Connections

Connects Your World For Today And Tomorrow

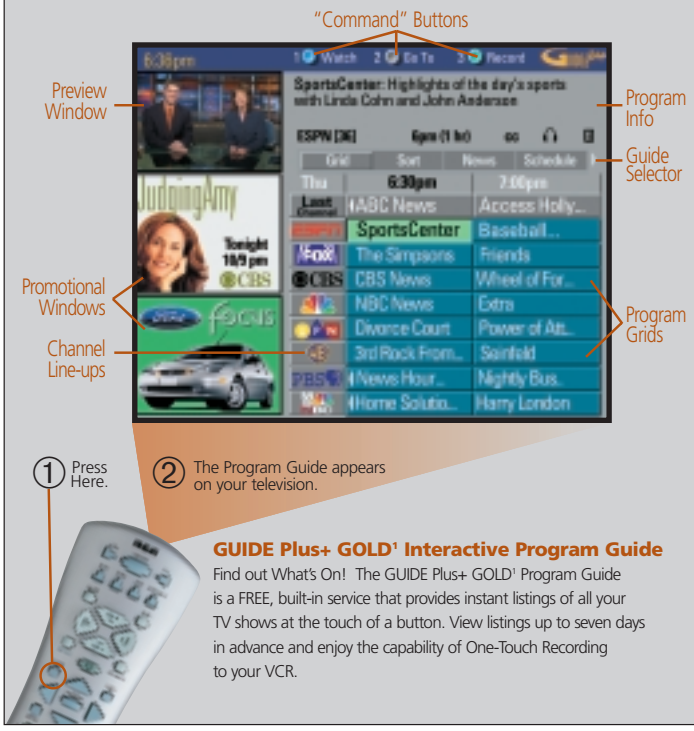
To maximize the performance of the Digital High-Definition Monitor, connect an RCA®-DIRECTV™ System. And the addition of the RCA DTC100 HDTV Digital Receiver provides up to 864,000 pixel capability and will enable reception of high-definition programming when it becomes available.



- **Six Sets of Audio/ Video Inputs!**
  – 3 A/V composite inputs each with auto-detectible S-Video input.
  – 1 set SYNCROSCAN™ HD component video inputs (YPrPb) allows for connection of regular- or progressive-scan DVD players or component-output HDTV set-top boxes.
  – 1 set audio/video inputs with port located on front panel.
  – 1 high-resolution SYNCROSCAN™ input accepts either RGB or YPrPb.
- **Audio/Video Outputs**
  – 1 pair fixed audio outputs (provides constant level output for recording or for stereo system with its own remote).
  – 1 pair variable audio outputs (the output audio level changes with TV's remote).
  – 1 set of speaker jacks for external speakers.
- **G-LINK[1] Connector**
  The G-LINK[1] connector allows the GUIDE Plus+ GOLD[1] Program Guide to work with your VCR (enabling one-touch record) and/or cable box (ability to tune directly to a station when the program guide is on your TV screen).

Convenience

WHAT'S ON TV! Tonight, Tomorrow and the Next Day!



GUIDE Plus+ GOLD[1] Interactive Program Guide

Find out What's On! The GUIDE Plus+ GOLD[1] Program Guide is a FREE, built-in service that provides instant listings of all your TV shows at the touch of a button. View listings up to seven days in advance and enjoy the capability of One-Touch Recording to your VCR.

2 ways to find your programs

The Grid Guide

Using your remote, easily scroll through current or future TV listings to see what's on. As each program is highlighted, an informative summary appears in the Program Info area.

The Sort Guide

Find your favorite sports, movies, or kids' programs, for up to seven days in advance, instantly with the Sort Guide.

And The Benefit of One-Touch Record*

Even if your VCR is flashing 12:00, the GUIDE Plus+ GOLD[1] Program Guide can record your favorite shows. Simply use your remote to highlight the program you want to record, set it to record and the GUIDE Plus+ GOLD[1] Program Guide does the rest! You can even set shows to record daily and weekly!

*compatible with most VCRs

MSNBC News Guide

Check out up-to-date national and world news stories from MSNBC in the News Guide. Comprehensive coverage includes business, sports, and entertainment news.

- **Advanced Auto Channel Search**
  Auto Cable/Air Switch sets tuner to cable or "off-air" frequencies during initial setup. Then system automatically scans for and locks active channels into channel memory.
- **Advanced Twin Tuner™ Picture-In-Picture**
  Two built-in independent tuning systems allow both large-picture and small-picture viewing without the need for a second external video source (e.g. VCR). In addition to standard RCA PIP feature of Swap, the Twin Tuner™ PIP System also provides:
  - **Continuous Move**
    Permits placement of the small picture anywhere on the screen.
  - **Commercial Skip-to-PIP**
    This exclusive RCA feature allows the main picture to move to the PIP window simultaneously with the activation of an on-screen countdown timer. The viewer can then monitor the original program while browsing through other channels during commercial breaks.
- **Channel Labeling**
  Assign on-screen characters to easily identify channels (e.g. NBC, HBO, ESPN, VH-1).
- **On-Screen Menu System**
  On-screen displays make it easy to adjust most picture, sound, and convenience features from either the remote control or the TV front panel buttons.
- **Front Panel Lockout**
  Completely disables front panel controls to prevent toddlers from altering settings.
- **Picture Reset**
  Instantly returns picture to factory settings for Color, Tint, Contrast, Brightness, and Sharpness.
- **V-Chip Parental Control**
  Puts control back into the hands of the viewer by blocking unwanted television broadcasts with U.S. Government required circuitry. Blocks three types of programs: regular television programs, broadcast movies and unrated programs.

  Program rating information is sent by the broadcaster continuously during the program. The television will match program rating to user preference and block the entire program (when program is aired with the encoded signal). User preference is secured using a four-digit password.

Model	D36120
Picture	
Optimum Contrast Screen	Yes
Progressive Scan	Yes
Picture Power (Watts)	65
Invar Shadow Mask	Yes
Dynamic Focus	Yes
Scan Velocity Modulation	Yes
Aperture Sharpness	Yes
Comb Filter	Digital 3-Line
Auto Color Control	Color Level & Tint
Anamorphic Mode	Yes
BlackStretch	Yes
Color Detail Enhancement	Yes
Wide Band Video Amplifier	Yes
Video Noise Reduction	Yes
Calibrated Color Temperature	6500 & 9300 Kelvin
SYNCROSCAN™ Scan Modes	
NTSC	15.7kHz/30Hz Interlaced
Digital TV Mode	1080 Interlaced
Horizontal Resolution	
Lines Per Picture Height	700
Lines Per Picture Width	950[6]
Sound	
Audio Power (Watts) Total	20 (10 Watts/Ch)
dbx[5] Broadcast Stereo	Yes
Second Audio Program	Yes
SRS ◉ Sound Retrieval System[3]	SRS ◉ Focus
Speakers	2 – 2.25 x 5" High Compliance
Convenience	
Channel Tuning Capability[4]	181
Twin-Tuner™ Picture-In-Picture	Yes
PIP Swap And Move	Yes
Channel Labeling	Yes
V-Chip Parental Control	Yes
GUIDE Plus+ GOLD[1] with News	Yes
Stereo Headphone Jack	3.5mm Stereo Mini-Jack
Side A/V Input	Composite, L/R Audio
Universal Remote	Backlit
Back Panel Inputs/Outputs	
A/V Inputs	3 – S-Video / Composite, L /R
SYNCROSCAN™ HD Component Video Input	YPrPb (RCA Jacks): 15.7 – 37.7 kHz
UHF/VHF, Cable Input	75-OHM Terminal
High-Definition Inputs	15-PIN D-SUB/YPrPb/RGB
Audio Output Jacks	Fixed & Variable
External Speaker Terminals	1 Pair
User Adjustments	Adjustable Via On-Screen Menu
Basic Adjustments	Cont, Col, Tint, Blk Level, Sharp.
Advanced Adjustments	Noise Filt., Color Temp.
Audio	Bass, Treb., Bal., Vol., Mute
General Specifications	
Screen Size (measured diagonally)	36"
Product Dimensions (H x W x D)	28½" x 38¾" x 26½"
Approximate Shipping Weight	190 Lbs.
Optional Base	RR36SD
Finish	Silver Diamond/Gray

1 GUIDE Plus+ GOLD and G-LINK are trademarks of Gemstar-TV Guide International, Inc.
2 HD/Digital receiver required to receive digital TV signals.
3 SRS, the SRS symbol, Focus and Sound Retrieval System are registered trademarks of SRS Labs, Inc.
4 Check your cable company's compatibility requirements.
5 dbx is a registered trademark of Carillon Electronics Corporation.
6 Lines per picture width, 700 lines based on EIA measurement criteria.

RCA

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